

IN THE ABSTRACT

Please amend the abstract as shown below.

The invention relates to a far-end crosstalk canceling circuit for a digital subscriber line transmission system, the transmission system ~~comprising~~ including a plurality of line termination modems transmitting discrete multitone symbols S_i to corresponding network termination modems over n transmission channels. The invention multiplies the vector $S = (S_i) \ i = 1 \text{ to } n$, before transmission, by a precompensation matrix M such that the matrix product $H*M$ is diagonal, H being the transfer matrix of the plurality of downstream transmission channels defined by $R = H*S$ where $R = (R_i)$, $i = 1 \text{ to } n$, is the vector of the discrete multitone symbols R_i respectively received by the modems.